

19980517.qrp v01\_n094.qrs.980517

Date: Sun, 17 May 1998 19:03:12 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 1094

QRP-L Digest 1094

Topics covered in this issue include:

- 1) [11020] Re: Radio Shack Parts by Mail - A Question  
by Ed <edn4pk@VoyagerOnline.net>
- 2) [11021] An apology  
by "Wayne Barnhart" <wb7whi@triax.com>
- 3) [11022] Elmer 101 - VFO frequency  
by "C. Lamar Derk" <"n3at@epix.net"@epix.net>
- 4) [11023] Re: Norcal Flop?  
by nq2rp@juno.com (B/BAMS Club Station)
- 5) [11024] Re: NORCAL FLOP  
by "Fred Ringwald" <fred@innocent.com>
- 6) [11025] Re: NorCal Flop????  
by "Dan Hogan" <dhhogan@concentric.net>
- 7) [11026] Re: NORCAL FLOP  
by Jim Lowman <jmlowman@ix.netcom.com>
- 8) [11027] Re: QRP programs for the HP48GX?  
by ke4tsa@juno.com (Michael F Danchi)
- 9) [11028] dos reader for .jpg files  
by Paul Erickson <paul1@wizard.ucsf.sfu.ca>
- 10) [11029] NORCAL 20 GREAT IDEA... !!!  
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 11) [11030] Re: NORCAL FLOP  
by jerry schnor <jerrylee@cwms.net>
- 12) [11031] Re: NORCAL FLOP  
by Roger Hightower <n7kt@earthlink.net>
- 13) [11032] Re: NORCAL FLOP  
by "Vincent Ferme" <vferme@sprint.ca>
- 14) [11033] Pacificon '98  
by Jim Lowman <jmlowman@ix.netcom.com>
- 15) [11034] 38S output stability  
by B11john <B11john@aol.com>
- 16) [11035] Re: NORCAL FLOP  
by "Vincent Ferme" <vferme@sprint.ca>
- 17) [11036] 10 Meters Open for Fox Hunting !!  
by "Gary M. - W2UX" <mail4gary@worldnet.att.net>
- 18) [11037] [Re: NORCAL FLOP - Sanity Check]  
by Clay N4AOX <wyn@worldnet.att.net>
- 19) [11038] Re: I am holding my breath...

- by k7sz@juno.com (Rick Arland)
- 20) [11039] Re: NORCAL FLOP  
by B11john <B11john@aol.com>
- 21) [11040] Re: NORCAL FLOP  
by w2bj@juno.com (Barry J Minsky)
- 22) [11041] Re: Air Variable Caps  
by sigcom@juno.com (Stephen M Smith)
- 23) [11042] Re: [Re: NORCAL FLOP - Sanity Check]  
by Vic Rosenthal <rakefet@rakefet.com>
- 24) [11043] Re: Seaside Ore. Bash.  
by Bill Todd <bill@willapabay.org>
- 25) [11044] 3B7RF  
by k7sz@juno.com (Rick Arland)
- 26) [11045] Re: Pacificon '98  
by Paul Harden <pharden@aoc.nrao.edu>
- 27) [11046] Novice and Tech Plus Special Events  
by Lisa Osier <osier@northnet.org>
- 28) [11047] Can't I PLEASE order a Norcal 20 now?  
by WD6BOR <WD6BOR@aol.com>
- 29) [11048] CQC Meeting and Election of Officers  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 30) [11049] Flop? nope...BUT what \*I\* would like to see...  
by Mighty Mik <mitymik@hooked.net>
- 31) [11050] Re: Norcal Flop  
by "Compaq" <QRPDave@ocsnet.net>
- 32) [11051] NorCal 20 and other  
by "Timothy J. Pettibone" <tpettibo@nmsu.edu>
- 33) [11052] CW receiver assistance, please.  
by hsilver@pyx.net
- 34) [11053] The NORCAL radio  
by Bruce Muscolino <w6toy@erols.com>
- 35) [11054] Forward from CW reflector  
by DMRAWSON <DMRAWSON@aol.com>
- 36) [11055] Re: D A Y T O N  
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 37) [11056] Re: Norcal 20 Details  
by Leon Heller <leon@lfheller.demon.co.uk>
- 38) [11057] New NORCAL and GQRP cooperation  
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 39) [11058] Power supply?  
by k8cv@juno.com
- 40) [11059] Re: The NORCAL radio  
by k7sz@juno.com (Rick Arland)
- 41) [11060] (fwd) Re: Flop? nope...BUT what \*I\* would like to see...  
by mwattcpa@earthlink.net (Marty Watt)
- 42) [11061] Re: Norcal 20 Details  
by "Paul Christensen" <paulc@mediaone.net>
- 43) [11062] Re: Flop? nope...BUT what \*I\* would like to see...

by marion@montana.com  
44) [11063] Where Are All the Texas QRPers??  
by "James R. Duffey" <jamesd1@flash.net>  
45) [11064] QRP on 6  
by Chuck Carpenter <w5usj@webwide.net>  
46) [11065] 10 meters  
by Chuck Carpenter <w5usj@webwide.net>  
47) [11066] Re: Norcal 20 Details  
by Zack Lau <zlau@arrl.org>  
48) [11067] Dear Mr. Norcal  
by "David, n2zhy" <n2zhy@amsat.org>  
49) [11068] HTML... Sorry  
by "Bruce Hopkins - KL7JAF" <bhopkins@fx2.com>  
50) [11069] Third world  
by marion@montana.com  
51) [11070] Re: AB7CE FLOP (Too long)  
by Jeff Grudin <grudin@pacific.vdbs.com>  
52) [11071] Norcal 20 / I'am back... 8^)  
by "Bruce Hopkins - KL7JAF" <bhopkins@fx2.com>  
53) [11072] Re: AB7CE FLOP (Too long)  
by KC5TJA <kc5tja@topaz.axisinternet.com>  
54) [11073] 6 mtr, SMT  
by Bob Edwards <w4ed@flash.net>  
55) [11074] Parts, parts, parts  
by Jack Parker <Pparker@greatbasin.net>  
56) [11075] SGC 2020 & CW  
by tnic <tnic@idt.net>  
57) [11076] NorCal 20 - A Technical Opinion  
by "James R. Duffey" <ji3m@maxwell.com>  
58) [11077] 2222 contest.  
by sigcom@juno.com (Stephen M Smith)  
59) [11078] Last moments of 1998 Hamvention &c  
by nilsbull@juno.com (Nils R Young)  
60) [11079] Norcal 20  
by Ward Hill <w\_hill@ns.net>  
61) [11080] Re: Norcal 20  
by "Vincent Ferme" <vferme@sprint.ca>  
62) [11081] Re: Novice and Tech Plus Special Events  
by jerry schnor <jerrylee@cwws.net>  
63) [11082] Re: Where Are All the Texas QRPers??  
by Tim Ahrens <tahrens@inetport.com>  
64) [11083] slower CW  
by Lisa Osier <osier@northnet.org>  
65) [11084] NorCal 20  
by "Steve Hurst" <shurst@magiclink.com>  
66) [11085] Re: Norcal 20  
by Paul Harden <pharden@aoc.nrao.edu>  
67) [11086] Norcal 20 a home run!

by talljazz@teleport.com (Dan Presley)  
68) [11087] Re: Norcal 20  
by Chris Trask <ctrask@primenet.com>  
69) [11088] 20 meters is a QRP band!  
by Jess Gypin <jessqrp@concentric.net>  
70) [11089] FDIM paper  
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
71) [11090] Re: 6 mtr, SMT  
by Mike Martin <mmartin@netins.net>  
72) [11091] NorCal FAQ  
by mwattcpa@earthlink.net (Marty Watt)  
73) [11092] Re: Third world  
by Joe Gervais <vole@primenet.com>

-----  
Date: Sat, 16 May 1998 19:27:13 -0400  
From: Ed <edn4pk@VoyagerOnline.net>  
To: larsennc@alaska.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [11020] Re: Radio Shack Parts by Mail - A Question  
Message-ID: <355E20D0.16D9A020@VoyagerOnline.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jim, I have no idea about RS policies as to mail order. I will gladly take your \*wish\* list to the local RS and/or Sheilds electronics and send them via the United States Postal Service. (fwiw i'm a postal person..hihihehe). Only cost to you are the price of the parts and the cost of the shipping. I seem to be right near the PO just about everyday and about 6 A.M...hhhmmmmm 72/73

Ed N4PK

qrp-l #1307

CW from beautiful downtown Chickamauga.Ga.

keep those cards and letters coming...I needa raise.....

-----  
Date: Sat, 16 May 1998 16:36:59 -0700  
From: "Wayne Barnhart" <wb7whi@triax.com>  
To: "List QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [11021] An apology  
Message-ID: <009301bd8123\$a75d7400\$7b8aebcd@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ok I blew it. Forgot to turn off the html button and sent a goofus off to the entire world. You have my sincerest ... and all the rest of that stuff.

Was looking for someone in the st louis qrp club. Hopefully, this time my quest will be in plain english :)

Thanks

Wayne WB7WHI  
Spokane, Wa.

-----  
Date: Sat, 16 May 1998 19:40:21 -0400  
From: "C. Lamar Derk" <n3at@epix.net@epix.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [11022] Elmer 101 - VFO frequency  
Message-ID: <199805162341.TAA11316@mx.epix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have finished the VFO in my SW40+ and am getting a nice strong signal from it on my FT 840 at 3.033MHZ. I believe this will put me fairly high in the cw portion of the band. I am wondering if I need to rewind the coil to lower the frequency, or if this will put me low enough in the band. Does this result indicate that my rig will begin operation on 40 meters at 7.033 when this is mixed with the 4.000 frequency that will be added to it in the mixer stage?

If rewinding is advisable, does anyone out there know what size the wire is that came with the kit, in the event that I need to use a new piece of wire?

Suggestions would be appreciated.

72 de Lamar, N3AT

-----  
Date: Sat, 16 May 1998 19:41:12 EDT  
From: nq2rp@juno.com (B/BAMS Club Station)  
To: qrp-1@Lehigh.EDU

Subject: [11023] Re: Norcal Flop?

Message-ID: <19980516.194018.4479.1.nq2rp@juno.com>

- 1 - I am not a member of Norcal
- 2 - I don't really like 20 Meters (but I use it)
- 3 - I HAVE operated from the "Third World", whatever that is
- 4 - Norcal has a proven track record of introducing gear that gets grabbed up almost faster than they can kit it

With all of these point, I am sure that Norcal won't have ANY trouble finding enough interest in the QRP community, both here and in the "Third World" to sell/give away many times their projected numbers of kits. Per Note #3, 20 Meters IS the premiere band in the Far East and Africa, and was the ONLY band I was authorized to operate from for the first 3 months I was on the air from Diego Garcia (WB2VU0/VQ9C, Jan 1974 - Jan 1975). 90% of my cards were from 20 Meter QSO's, and I was running a Ten Tec Argonaut 505 and an inverted vee out behind the barracks...

I prefer 17 Meters and up, but I still run everything from 160 Mtrs up to 70 cm, and every mode I can get my hands on other than video and Fax. If you have a hankering for a 15 Meter kit, call Dave, NN1G over at Small Wonder Labs and he will fix you up. Kanga has gear that will cover the upper HF bands and there's always the "roll-your-own" path.

People, there's enough room for all of us in this end of the hobby. I want an all-mode 160M - 23cm rig for \$125, with a built-in cooler and Dr. Pepper on tap (really I do...), but I don't think I will find it in this life, so I do the next best thing and fill the shack with Whatever I can use, and have a blast doing it!

Get yourself on the list for the Norcal 20 if you want, or don't if you don't. Want a Norcal 15? See if the "team" needs a volunteer for the next project, or look into modding the present kit (and PLEASE write it up if you do!!!)

Have fun first off, and I'll see you on whatever band(s) I am on...

72/73, Keith, WB2VU0 at the keys at B/BAMS

NQ2RP - QRP-L # 1294, Byron/Bergen AMateurS Club Station

Listen for our 10 Mtr Milliwatting Beacon: 125 mW @ 28.287 MHz

"Our night light runs more power than our Rig!!!"

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Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sat, 16 May 1998 18:42:14 -0500  
From: "Fred Ringwald" <fred@innocent.com>  
To: <marion@montana.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [11024] Re: NORCAL FLOP  
Message-ID: <000a01bd8124\$427dfa40\$5470d9d0@fred.ott.net>

Roy,

While I respect your opinion regarding the latest NorCal project, I do want to ask you two questions.

- 1) Did NorCal know of your opinion regarding 20 meter transceivers before they decided to kit this project? and,
- 2) How many people's feelings got hurt because of this thread regarding the pros and cons of their latest project choice? Did we get our money's worth??

NorCal is us. At least all of us who are dues paying members. Therefore, if we criticize NorCal, we criticize ourselves. Those who do the most for NorCal members may choose to not do what they do if we criticize them too frequently, and I for one will miss the generous and wonderful efforts of the active NorCal folkies starting on the day that they feel like they have had enough. I don't want to hasten that day.

I would encourage us all to enjoy this hobby for what we do get out of it, and rather than flaming those who disagree with us, find a way to contribute in a manner that we do agree with. I don't really care for SSB, but I'll not criticize those that only do SSB, and will be especially supportive of those who do QRP SSB!

In the spirit of furthering, not hurting our hobby,

73s,

Fred Ringwald, ABOAE  
fred@innocent.com  
-----Original Message-----

From: marion@montana.com <marion@montana.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Saturday, May 16, 1998 2:33 PM  
Subject: NORCAL FLOP

> Frankly, I'm disapointed with norcals latest offering. With  
the  
>bands opening up, I expected a 15 or 10 mtr project or some station  
>accessory. ANYTHING but another 20mtr rig. We all know how hard they  
are to  
>get. Roy AB7CE  
>  
>

-----  
Date: Sat, 16 May 1998 16:48:02 -8  
From: "Dan Hogan" <dhhogan@concentric.net>  
To: qrp-1@Lehigh.EDU  
Subject: [11025] Re: NorCal Flop????  
Message-ID: <199805162344.TAA06989@newman.concentric.net>

Children, behave.

I think what everyone forgets us that NorCal is:

Doug Hendricks and Jim Cates

NO ONE ELSE!

Me, I am very happy just being able to get the QRPP issues, let alone  
the periodic kits that come out.

NorCal #1806

Dan Hogan WA6PBY  
dhhogan@concentric.net  
ARRL-VE\*QRP-L\*QRP-ARCI\*NorCal\*CQC\*Fists\*G-QRP\*ARS\*

-----  
Date: Sat, 16 May 1998 17:03:23 -0700  
From: Jim Lowman <jmlowman@ix.netcom.com>



To: marion@montana.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [11026] Re: NORCAL FLOP  
Message-ID: <3.0.32.19980516170317.006a5c24@popd.netcruiser>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 03:38 PM 5/16/98 -0600, marion@montana.com wrote:

>>>True. I have several rigs on these bands already. But norcal, on the "  
>cutting edge" of QRP, has another flop. I won't go into the "wide-narrow  
>spacing" boner. And I don't give a damm about the third world. They are  
>about to nuke each other into vapor anyway. By the way, I knew I would get  
>flamed for my honesty, But the responses so far are more in agreement than  
>against. Roy AB7CE

Roy, I'm not sure if you're into DXing, QRP or otherwise, but wouldn't you agree that it makes good sense to put the 500 rigs into the hands of those in countries where there may not be much activity? That's taking the selfish approach, in a way, but it makes sense to me; all praise of the NorCal philanthropic effort aside.

I guess no good deed goes unpunished anymore. Already, I can imagine the guy who tries to buy the 501st of these rigs crying about the other 500 going overseas, before all US hams who are interested have a chance to buy one.

73 de Jim - AD6CW

-----  
Date: Sat, 16 May 1998 08:11:00 -0400  
From: ke4tsa@juno.com (Michael F Danchi)  
To: qrp-l@Lehigh.EDU  
Subject: [11027] Re: QRP programs for the HP48GX?  
Message-ID: <19980516.202442.10022.1.KE4TSA@juno.com>

Ok Andy. I'm planning to buy a used HP48GX as soon as I finish raising the money :-). I'm already looking for new ways to use it. I guess I'm one of those people who plans early!!

I'll keep my eyes open!

Mike Danchi

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Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sat, 16 May 98 17:46:57 PDT  
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>  
To: qrp-l@Lehigh.EDU (qrp)  
Subject: [11028] dos reader for .jpg files  
Message-ID: <9805170046.AA15113@wizard.ucs.sfu.ca>

Since the .txt versions of the Kenwood service bulletins are no longer available on their website, does anyone know of a program that will allow me to view .jpg files ?

--

cheers, Paul - VE7CQK email: paul1@wizard.ucs.sfu.ca

-----  
Date: Sat, 16 May 1998 21:01:39 -0300  
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>  
To: <qrp-l@Lehigh.EDU>  
Subject: [11029] NORCAL 20 GREAT IDEA... !!!  
Message-ID: <01bd8126\$f72cf160\$07199e03@luis>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

NORCAL 20 ! A GREAT IDEA !!!  
YES... it is NOT a FLOP at all !!!!!  
It is a great idea for the following very solid reasons...  
1. 20 meters will continue to be the band that offers best possible DX for as many hours per day during the upswing of the solar cycle  
2. 20 meters will see less QRM as the higher bands open up and stations move to 17, 15, and even 12 and 10  
3. 20 meters is from the electronic design point of view - as I see it- the upper limit for certain components like the output transistors used in NORCAL 20 (according to what I have just read they are using a IRF ??? as the final amp  
4. 20 meters has the greatest worldwide population of QRP enthusiasts

interested  
in making DX contacts

NOW... you have 4 solid reasons !!!

But I may add one more...when you are travelling, and I expect lots of  
NORCAL 20's

to see a lot of airports around the world... 20 meters is ideal because the  
antenna

can be very efficient and NOT TOO BIG...

Try stringing a 40 meter dipole inside a hotel room...

Well... a 20 meter loaded dipole ( that works great for me ) fits a picture  
window

with some duct tape... or can be just dropped out with a little weight...and  
end fed ( after all you carry your antenna tuner with you ... don't you ?

SO AMIGOS ! MY FRIENDS, MES AMIS... My hat is off for the NORCAL  
executives and the G-QRP club executives that came out with this nice  
idea...

especially because MANY hams in less developed countries are going to  
be able to enjoy a NICE UP TO DATE DESIGNED RIG ... thanks to this  
initiative... If only other REALLY BIG AMATEUR RADIO ORGANIZATIONS  
AROUND THE WORLD WILL FOLLOW THIS EXAMPLE !!!!!

72 and see you all on 15 around 21060... it's really gud tonite again

Arnie

C02KK

-----  
Date: Sun, 17 May 1998 01:10:44 -0700  
From: jerry schnor <jerrylee@cwws.net>  
To: marion@montana.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [11030] Re: NORCAL FLOP  
Message-ID: <355E9B84.E0F@cwws.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

marion@montana.com wrote:

>

snip

i agree with marion as i need a nice qrp 15 meter seup i m not licensed  
for 20 and never will be as my hearing is not good enough to hear all  
the letters anymore. jerry n6ifw

-----  
Date: Sat, 16 May 1998 18:17:14 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [11031] Re: NORCAL FLOP  
Message-ID: <355DD82A.2DC61DEB@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Did the Moderator go to Dayton?

Gads...another filter. Lighten up, guys. If you don't like it, don't buy it.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ  
"The problem with doing nothing is not knowing when you're finished"  
(Nelson DeMille)

-----  
Date: Sat, 16 May 1987 21:16:20 -0400  
From: "Vincent Ferme" <vferme@sprint.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Cc: <jmLowman@ix.netcom.com>  
Subject: [11032] Re: NORCAL FLOP  
Message-ID: <001c01b12bd5\$b7b90b20\$591205d1@vince>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Jim,

From: Jim Lowman <jmLowman@ix.netcom.com>

>I guess no good deed goes unpunished anymore. Already, I can imagine the  
>guy  
>who tries to buy the 501st of these rigs crying about the other 500 going  
>overseas, before all US hams who are interested have a chance to buy one.

Boy, I thought about that happening myself. Not to be outdone, I can imagine  
a guy saying that NORCAL could sell the kits much cheaper if they scrapped  
the idea of sending an equal number of them to the third world.

Yes, I am a NORCAL member. No, I don't plan to buy the NORCAL 20. Yes, I think NORCAL has another winner not to say a great idea.

Anything that promotes QRP is most welcome even if I am not interested in this or any other kit NORCAL or other club/group/supplier come up with.

73 de Vince, VE3VFN.

-----  
Date: Sat, 16 May 1998 18:22:05 -0700  
From: Jim Lowman <jmlowman@ix.netcom.com>  
To: qrp-1@Lehigh.EDU  
Subject: [11033] Pacificon '98  
Message-ID: <3.0.32.19980516182159.006c8c10@popd.netcruiser>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I was just cruising the NorCal Web page, and noticed Doug's announcement that Paul, NA5N, will be speaking at Pacificon.

As I understand it, Pacificon is the second-largest gathering of QRPers, right behind Dayton. Correct?

I had planned to go last year, but it would have meant jumping on another plane just a few working days after I had returned from visiting my terminally-ill father in Florida.

At any rate, I'd like to go ahead and register and make a room reservation, if someone can point me toward the announcement.

Thanks in advance and 72 de Jim - AD6CW

-----  
Date: Sat, 16 May 1998 21:35:32 EDT  
From: B1ljohn <B1ljohn@aol.com>  
To: qrp-1@Lehigh.EDU  
Subject: [11034] 38S output stability  
Message-ID: <58936156.355e3ee5@aol.com>  
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

For those who have read my previous postings about trying to stabilize the output, I have finally fixed the problem by inserting a new 74hc240 from Mouser. That's all it took! What a difference.

For those of you who've had problems with spurious signals and unstable output, I would gladly share what I went through and what has worked. Finally a very good working portable rig.

See you on thirty.

72,  
Bill K9YEQ

-----  
Date: Sat, 16 May 1987 21:37:57 -0400  
From: "Vincent Ferme" <vferme@sprint.ca>  
To: <n7kt@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [11035] Re: NORCAL FLOP  
Message-ID: <003701b12bd8\$bc4ff100\$591205d1@vince>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Roger,

I hear you, but wouldn't you do the same if you had the choice :)) , it sure beats going through all this mail. Actually, had the moderator been in place there would have been only a couple of messages today. The NORCAL 20 announcement and the first flame :)) .

73 de Vince, VE3VFN.

P.S. For the humor impaired, this is a friendly exchange, not a flame.

From: Roger Hightower <n7kt@earthlink.net>

>Did the Moderator go to Dayton?

-----  
Date: Sat, 16 May 1998 21:47:45  
From: "Gary M. - W2UX" <mail4gary@worldnet.att.net>  
To: qrp-1@Lehigh.EDU  
Subject: [11036] 10 Meters Open for Fox Hunting !!  
Message-ID: <3.0.3.16.19980516214745.3c3f4f96@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello Gang,

Quit the flames and get on Ten Meters and chase foxes. Got my third fox on CW tonite (Sunday at 0028 UTC).

=====  
72/73 de W2UX  
Gary McCaughey  
Lexington, SC  
CW is the REAL THING!  
Use it....or lose it.  
QRP-ARCI QRP-L CQC  
=====

-----  
Date: Sat, 16 May 1998 21:51:44 -0400  
From: Clay N4AOX <wyn@worldnet.att.net>  
To: qrp-1@Lehigh.EDU  
Subject: [11037] [Re: NORCAL FLOP - Sanity Check]  
Message-ID: <355E42B0.718A@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: message/rfc822  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

Message-ID: <355E4066.45EE@worldnet.att.net>  
Date: Sat, 16 May 1998 21:41:58 -0400  
From: Clay N4AOX <wyn@worldnet.att.net>  
Reply-To: wyn@worldnet.att.net  
Organization: home  
X-Mailer: Mozilla 3.01 (Win95; I)  
MIME-Version: 1.0  
To: vole@primenet.com  
Subject: Re: NORCAL FLOP - Sanity Check

References: <199805162153.OAA05740@usr04.primenet.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Joe Gervais wrote:

>  
> Howdy Folks,  
>  
> Sure hope we can keep this NorCal kit discussion  
> friendly, folks. Please hold back from posting for  
> a bit if your pulse is higher than 120 BPM. :)  
>

Right on Joe. And, cool your jets commandos. Remember the "Zero tolerance" Rule.

Three comments on what I have heard about the NORCAL 20 project:

1. I've never operated HF on that Europe third world Continent. So what is so special there? Is it intermodulation distortion from strong signal overload? How can that be tougher than say Chicago? Why I've heard about some places there where the RF intensity is so high you can coil a piece of wire and draw sparks off the ends.

There is a shopping mall over in Atlanta with a 50KW Broadcast Stick in the middle of the parking lot. Try operating QRP there!

2. Even with Providence Assist, it seems the Rev. G.D. has the hard row to hoe on this project. It would be interesting to see where he defines "third world" now.

I've heard that those wild and crazy nuke lovin guys over in South Asia way may have been removed from the list, so spreading 500 rigs out might be a little easier now.

On the other hand we don't want any of those guerilla bands making tactical field radios out of those little puppies either.

3. Is there going to be a special export model with all of the MIRV technology removed to dodge the FTC export ban list?;-)

72/73,  
Clay N4AOX

-----  
Date: Sat, 16 May 1998 10:23:45 EDT  
From: k7sz@juno.com (Rick Arland)



To: jennings@eng14.rochny.uspra.abb.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [11038] Re: I am holding my breath...  
Message-ID: <19980517.143138.6807.4.k7sz@juno.com>

On Fri, 15 May 1998 23:13:00 EDT Tom\_Jennings  
<jennings@eng14.rochny.uspra.abb.com> writes:  
>Gang,  
>I am holding my breath waiting for the NorCal announcement.

Breath, Tom, BREATHE!

73 rich K7SZ

(You KNOW it's going to be something with an NE-602.....relax.)

---

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---

Date: Sat, 16 May 1998 22:19:50 EDT  
From: B1ljohn <B1ljohn@aol.com>  
To: mwattcpa@earthlink.net, qrp-1@Lehigh.EDU  
Subject: [11039] Re: NORCAL FLOP  
Message-ID: <55e1f005.355e4947@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Fire hoses out . . . flames off. ;-)

Right on! I am grateful for the Norcal leadership among all the QRP'ers and thank all the members for sharing with all of us who don't belong but love building and sharing. I can't tell you how much fun I've had tinkering with my 38S and it seemed like forever, but it is now running. The education I got and the skill's I refreshed are pure joy. It's been eons since I last built something that worked after all the mistakes I made building and all the mods I added. I hope I can get my hands on the new kit.

In this world the way it is going, we can all use more positive attitudes. The third world needs our help and leadership role modelling. To get third worlders on the air and given the opportunity, they might run into those of us with positive attitudes and model after us.

Can't wait to try out some of the other equipment that will be hitting the market.

72,  
Bill  
K9YEQ

-----  
Date: Sat, 16 May 1998 22:34:21 -0400  
From: w2bj@juno.com (Barry J Minsky)  
To: fred@innocent.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [11040] Re: NORCAL FLOP  
Message-ID: <19980516.223422.10846.0.w2bj@juno.com>

I have been concerned about the tone of the comments regarding the NorCal project. We certainly have a right to our opinions, but they should be expressed in a way that is not meant to offend others. I have enjoyed the fun of building the kits NorCal has produced. I am sure a tremendous amount of volunteer work goes into the production and kitting of the projects. I have spent time in "third world countries" and am aware of how difficult it is for hams in those countries to get good equipment. Personally, thank NorCal for this project. I am sure it will have a positive impact on the lives of many hams in other parts of the world. 20 meters is not my favorite band, but I will try to buy a kit to have the fun of building it and to support what NorCal is doing.

72/73,  
Barry J. Minsky, W2BJ  
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,  
Knightlites, Adventure Radio Society #359,  
Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers  
Club #3723  
Amateur Radio Missionary Service

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-----  
Date: Sat, 16 May 1998 22:42:55 EDT  
From: sigcom@juno.com (Stephen M Smith)  
To: qrp-l@Lehigh.EDU

Subject: [11041] Re: Air Variable Caps  
Message-ID: <19980516.135405.8175.2.sigcom@juno.com>

Ward (and group),

I'd scrounge 'em out of old radios found at yard sales (if I needed some. I've got a lifetime supply!) Only problem is finding radios with real air variables in 'em as most are those little poly jobs (although they work fairly well for QRP stuff).

Mike Gipe had a good suggestion about Livermore. When I was there a couple of months ago, I couldn't resist picking up a little dual section broadcast band cap that was 25 cents!

73.....Steve, WB6TNL Oxnard, CA QRP-L #621 NorCal #2065 ex-WN6TNL (1967)

---

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---

Date: Sat, 16 May 1998 19:45:41 -0700  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: wyn@worldnet.att.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [11042] Re: [Re: NORCAL FLOP - Sanity Check]  
Message-ID: <355E4F55.795B8F92@rakefet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Clay N4AOX wrote:

> 1. I've never operated HF on that Europe third world Continent. So what  
> is so special there? Is it intermodulation distortion from strong signal  
> overload? How can that be tougher than say Chicago?

I used a Tentec 540 here in the US for about a year, and then took it to Israel.  
No  
problems at all here. In 4X, the 40 meter band had a constant babble of mixed-up  
BC  
trash in the background at all times. The problem is the large number of very QRO  
shortwave BC stations there.

Vic, K2VCO

-----  
Date: Sat, 16 May 1998 19:40:16 -0700  
From: Bill Todd <bill@willapabay.org>  
To: PPM1@webtv.net (William Harris)  
Cc: nwq-1@scn.org, index@narows.com, qrp-1@Lehigh.EDU  
Subject: [11043] Re: Seaside Ore. Bash.  
Message-ID: <1.5.4.32.19980517024016.00709074@willapabay.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 07:14 AM 5/16/98 -0700, you wrote:

>Good morning Bill:

> Ay chance you might attend the Weekend gathering at Seaside, OR on  
> the 30th of May???

I think I will be able to make it - Seaside is not all that far away from  
Bay Center, WA. I been attended the event for the past 4 or 5 years. I  
know that Bruce...KG7CR will be there.

How about it QRPers? Meet on 146.46 Simplex, and let's plan to get together  
at the Seaside Hamfest.

CUL, Bill-N7MFB

--

<http://www.willapabay.com/~bill>  
ICQ me at #8926298

-----  
Date: Sat, 16 May 1998 10:05:23 EDT  
From: k7sz@juno.com (Rick Arland)  
To: qrp-1@Lehigh.EDU  
Subject: [11044] 3B7RF  
Message-ID: <19980517.141318.6807.0.k7sz@juno.com>

Anybody work him QRP?

Pileups on 20 are horrendous. Can't hear him on 15 or 18 at all.

73 rich K7SZ

-----

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-----  
Date: Sat, 16 May 1998 21:05:27 -0600 (MDT)  
From: Paul Harden <[pharden@aoc.nrao.edu](mailto:pharden@aoc.nrao.edu)>  
To: Jim Lowman <[jmlowman@ix.netcom.com](mailto:jmlowman@ix.netcom.com)>  
Cc: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [11045] Re: Pacificon '98  
Message-ID: <[Pine.SOL.3.91.980516203536.16644A-1000000@zia](mailto:Pine.SOL.3.91.980516203536.16644A-1000000@zia)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 16 May 1998, Jim Lowman wrote:

> I was just cruising the NorCal Web page, and noticed Doug's  
> announcement that Paul, NA5N, will be speaking at Pacificon.

Doug called me several weeks ago and told me who the various speakers he's got lined up at PacifiCon, and it is an impressive list. Since I can't remember all of them, I won't make an attempt to list who I remember as I don't want to inadvertently omit some. But all are big names and certainly dwarfs me. Doug will post the info shortly, as he wanted to wait until after Dayton.

The reason Doug called me, and made the announcement I assume, is because of the interest into the solar information posted, he asked me if I would consider changing my talk from those boring phased locked loops to solar activity. I said yes (since he pays travel for all the speakers, would you say no? -hi). I am starting to prepare the talk and the handouts now (which I always try to have), as I will be trying out the talk first on all them thar Texans at HamCom in Dallas June 5-7th. I'm also bringing a VCR tape from the observatory that has some moving radio images, and some soft-xray images from the SOHO satellite, that are really neat. Not available in stores! Never been to HamCom before, so looking forward to meeting a bunch of QRPers I haven't met before.

> As I understand it, Pacificon is the second-largest gathering  
> of QRPers, right behind Dayton. Correct?

I would say it is a toss of the coin, as the attendance at PacifiCon and Dayton run about equal numbers -- in the 150-200+ range. Point is, a BUNCH of gungho QRPers show up that will send you home exhausted! Of course Dayton itself is a huge hamfest, as we all know (35-50,000 ?) with the QRP

activities at the Days Inn South, several miles from the hamfest. At PacifiCon, it is a fairly large hamfest also, the west coast district something or another, and always held in conjunction with the Boy Scouts Jamboree on the Air (JOTA). I heard last years attendance was 7000+. In this case, EVERYTHING is held within the Concord Hilton Hotel, with the saturday hamfest (swap tables) in the shopping center across the street. At PacifiCon, the QRP activities are sponsored by NorCal, but are an integral part of the overall hamfest, so the talks and building contests, etc. are open to all attendees, since all QRP activities are printed in the main schedule booklet.

> At any rate, I'd like to go ahead and register and make a room  
> reservation, if someone can point me toward the announcement.

I don't think there has been an official announcement yet, but will be soon. If you do want to go ahead and make arrangements, most of us stay at the Concord Hilton Hotel in (obviously) Concord, CA outside of San Francisco. The dates this year are friday, October 16th thru Sunday, Oct. 18th, with the QRP talks during the day saturday, and the building contest and general goof-off, err I mean hospitality suite saturday evening after dinner.

> Thanks in advance and 72 de Jim - AD6CW

Hope to see you there. And bring something to show off ... it is ALWAYS fun to see what others have built, regardless of how neat or sloppy you think it might be. Last year we saw QRP rigs built into a Swingline stapler to Jim Pepper's beautiful all-band rig. So do try to keep it somewhere between those -hi.

72, Paul NA5N

No I'm not at Dayton, so I guess nostalgic for a good hamfest!

-----  
Date: Sat, 16 May 1998 10:19:51 -0700  
From: Lisa Osier <osier@northnet.org>  
To: qrp-l@Lehigh.EDU  
Cc: osier@northnet.org  
Subject: [11046] Novice and Tech Plus Special Events  
Message-ID: <355DCAB7.6967@northnet.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

From: George Osier N2JNZ

How about something to get off the Norcal subject!!!

Going thru some listings for special events the freqs werw 80 tru  
10 in the General band and 28350 Novice-Tech.

How about 80,40 and 15 meter N-T freqs????

Your chances are just as good to make a contact there as the  
other sections AND they get the needed practice to upgrade!!!

Same goes for contests. Give other classes incentive to get the  
Novice-Techs on there band sections. The only contest I know that does  
that is the ARRL 10 METER contest. Contest experience is a great learning  
tool for the beginner.

So anyhow .... ANY COMMENTS!!!! (Please give Norcal a break)

-----  
Date: Sun, 17 May 1998 00:06:06 EDT  
From: WD6BOR <WD6BOR@aol.com>  
To: qrp-l@lehigh.edu  
Subject: [11047] Can't I PLEASE order a Norcal 20 now?  
Message-ID: <331f519.355e622f@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Well, my delete button just got a great workout after reading the first couple  
of replies. I still have a least a half dozen unbuilt kits on the shelf, but  
I'm writing out a check dated August 1 and putting it into an envelope to mail  
to Jim Cates in a little over two months. Since I don't smoke, drink or use  
drugs (other than a bit of caffine and Spearmint gum) the cost isn't an issue  
with all the money I save from those other vices. I would buy one of these  
kits just for the pleasure of knowing that I'm helping with a project that is  
going to distribute 500 ham radios where they are most needed and will be most  
appreciated throughout the world. (I fervently hope at least one of them make  
it into Cuba after the recent thread.)

Thank you to everyone who "made my day" as well as my season with another  
eagerly anticipated Norcal Classic.

72,

Darrel, WD6BOR

-----  
Date: Sat, 16 May 1998 22:14:41 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-1@Lehigh.EDU, cqcm@mtechnologies.com  
Subject: [11048] CQC Meeting and Election of Officers  
Message-ID: <199805162212.QAA02207@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

The May meeting of CQC was held on May 16th at the Castlewood Library. Attendance was down a bit, due to several members being out of town (e.g. at Dayton), but it was definitely a "quality crowd." Hal, W0MXY took a bunch of pictures which you will find in the CQC Photo Gallery at <http://www.mtechnologies.com/cqc/gallery>.

Features of the meeting included:

Presentation of a special certificate to member Marshall Quiat, AG0X, who had provided legal assistance for our incorporation...

Presentation of the club's Gold Star Certificate to Jim, N0COT and Nick, KG5N...

Discussion of Field Day and Picnic Meeting plans (more details will be posted here later)...

Election of Officers:

President - Marshall Emm, N1FN  
Vice President - Rich High, W0HEP  
Secretary - Jan Medley, N0QT  
Treasurer - Dick Schneider, AB0CD

Incoming President Marshall, N1FN, moved a vote of thanks to Rich, W0HEP, for his services to the club as founding President, and to Roger, WB0JNR, for his services as Treasurer over the last several years. Marshall spoke briefly about the future direction of the club, confirming our intention to remain a "regional club with national and international membership" and to "keep on being a real club, not just an organization."

Many interesting items were presented for "Show and Tell," and the meeting adjourned at noon for lunch at a local establishment.



73

Marshall Emm  
N1FN/VK5FN  
n1fn@mtechnologies.com  
Milestone Technologies  
Software, kits, tools...  
<http://www.mtechnologies.com>  
(303)752-3382  
--

-----  
Date: Sat, 16 May 1998 21:37:32 -0700  
From: Mighty Mik <mitymik@hooked.net>  
To: "qrp-1@Lehigh.EDU" <qrp-1@lehigh.edu>  
Subject: [11049] Flop? nope...BUT what \*I\* would like to see...  
Message-ID: <355E698C.20F333FE@wenet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

ok...the sunspot/20 meter thing being understood...\*I\* think the NEXT project should be...A SIX METER CW RIG. Sunspots on the increase, and openings NOW make it (imho) a desirable project. Just how many 6CW kits are available right now? and sure, during lows in the cycle, it might sit on the shelf...BUT right about now, IF i had one, i'd be dusting it off, wouldn't I? and doesn't 6 need more activity? Yes, there would be the design challenge to keep it clean enough to keep it out of the TV so the SO can relax, and in building it i would learn a lot about a band that there isn't a lot of inexpensive gear for. The 20M rig has some features...lets see a version on SIX.

Mick WD8MNV/6

-----  
Date: Sat, 16 May 1998 21:32:10 -0500  
From: "Compaq" <QRPDave@ocsnet.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [11050] Re: Norcal Flop  
Message-ID: <19980517044227517.AAA168@AndrewSmith>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I remember Thumper's thoughts in the movie "Bambi:" "If ya can't say something nice, don't say nothin' at all."

Personally, I am not particularly interested in the Norcal 20. But many others will be. The Norcal QRP club is not there for my personal projects. Personally, I was hoping for a power supply. Mebbie next year!

QRPDave

-----  
Date: Sat, 16 May 1998 22:52:29 -0600  
From: "Timothy J. Pettibone" <tpettibo@nmsu.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [11051] NorCal 20 and other  
Message-ID: <3.0.3.32.19980516225229.00696a9c@cnmailsvr.nmsu.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hmmm. I guess we all might have our preferences as to what the "next" NorCal project(s) should be. Fortunately, NC doesn't necessarily operate as a democracy. First off, I'm not aware of NorCal dues. Think they only put out a newsletter subscription. You don't like the pub, stop subscribing. You don't like the projects, don't buy them.

Personally I like the idea of a 20m rig. 20m is my favorite dx band (at least up until the sunspots change all of that). I've worked 20m QRP WAS with an indoor dipole. I've also worked 20m DXCC with a dipole. 20m is a great band to work dx if you listen a good bit and avoid the really big QRO pileups.

At the same time, I think people ought to be able to state their support or lack of support without getting beat to death. I don't necessarily agree with what's said, but (as the philosopher says) I do respect your right to say it (even if you are wrong!). I guess the key word is respect. I see a bit of that going by the wayside. Lighten up folks.

Tim K5OI

-----  
Date: Sun, 17 May 1998 03:38:11 -0400 (EDT)  
From: hsilver@pyx.net

To: qrp-1@lehigh.edu  
Subject: [11052] CW receiver assistance, please.  
Message-ID: <Pine.LNX.3.95.980517030121.4310B-1000000@matrix.pyx.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Good morning.

First I'd better warn list members, I am a neophyte with regard to radio.

I posted in early December 1997, late February 1998 (different ISP and User ID) and then again last weekend to the Usenet news groups r.r.a.homebrew and r.r.amateur the request below and still have not received any replies or any acknowledgements for that matter. So, I hope mailing list members do not mind my posting this here and could provide some assistance.

I live in Toronto, Canada and I am self studying for an Amateur Radio License examination I have scheduled for the end of July 1998. I would like to build my own cw receiver (receiver only please) that is capable of listening to SLOW morse code (5WPM).

But I would like to use a very simple easily obtainable single integrated circuit, a small number of parts and copper board etching to do this. I would also prefer that the circuit be a little bit on the easy side, capable of using a 9 volt source and not have too many parts so I can regain some confidence in building as I have been away from assembly work for some time. I hope such a receiver would use a very modest single wire antenna.

I have assembled some electronics kits quite a few years ago for other types of projects, such as a variable power supply, a tiny very simple robot amongst other minor devices but never anything as complex as a radio nor anything approaching it.

The problem I am encountering is, I found an ASCII schematic for such a receiver in October 1997 (mid or early, I think) but I accidentally erased it, can not recall its origin. I have spent many many hours searching for an ASCII schematic for such a receiver without success.

Why ASCII ? (Because I don't use MS Windows and I don't use DOS and I don't use XWindows on this Linux server)

If any list members are aware of such a receiver schematic for free, I would appreciate knowing.

Thank you for your time.

Regards,

Harley E. Silver

-----  
Date: Sun, 17 May 1998 06:52:04 -0400 (EDT)  
From: Bruce Muscolino <w6toy@erols.com>  
To: QRP-L@Lehigh.EDU  
Subject: [11053] The NORCAL radio  
Message-ID: <2.2.16.19980517064344.23b7114a@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I think someone else may have said it too, but in the words of P. T. Barnum, "You can't please all the people all the time"! Doug and Jim do a heck of a good job trying, and they have a track record that speaks well of their efforts; ever notice how many people are still looking for a 40-9er or a 38 Special kit?

For the experience challenged among us, 20 meters turns out to be a pretty good choice for many reasons. Yes, I am sympathetic to the needs of our Novice and Technician bretheren, but consider this... From 1994 through the end of 1996 I operated from a condo using a very marginal antenna; 40 feet of magnet wire strung between a window and a tree. During that period we went through the sunspot minimum for this period. During that period I was still able to work DX on 20 meters. During that period 17 meters, 15 meters, 12 meters, and 10 meters were good only for performing noise tests!

20 meters, for a radio intended for international distribution, makes a lot of sense. It's a band that will almost always be open to somewhere. This means that our fellow hams "across the pond" will always be able to work someone somewhere. I used to think 20 meters was for QRO only; thin I tried it. I admit it was a long time ago, but 20 has been a faithful friend. I can work DX on 20 almost all the time. If there might have been another equal choice it would have been 30 meters, but then Norcal already has a 30 meter radio.

73

-----  
Date: Sun, 17 May 1998 07:21:35 EDT  
From: DMRAWSON <DMRAWSON@aol.com>

To: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discussion)  
Subject: [11054] Forward from CW reflector  
Message-ID: <13c129df.355ec841@aol.com>  
Mime-Version: 1.0  
Content-type: multipart/mixed;  
boundary="part0\_895404096\_boundary"

This is a multi-part message in MIME format.

--part0\_895404096\_boundary  
Content-ID: <0\_895404096@inet\_out.mail.aol.com.1>  
Content-type: text/plain; charset=US-ASCII

I'm sure someone here can help this guy.

--part0\_895404096\_boundary  
Content-ID: <0\_895404096@inet\_out.mail.aol.com.2>  
Content-type: message/rfc822  
Content-transfer-encoding: 7bit  
Content-disposition: inline

Return-Path: <owner-cw@ns3.qth.net>  
Received: from rly-za03.mx.aol.com (rly-za03.mail.aol.com [172.31.36.99]) by  
air-za04.mail.aol.com (v43.15) with SMTP; Sun, 17 May 1998 06:50:16  
-0400  
Received: from ns3.qth.net (NS3.QTH.net [209.60.242.87])  
by rly-za03.mx.aol.com (8.8.5/8.8.5/AOL-4.0.0)  
with ESMTP id GAA28430;  
Sun, 17 May 1998 06:50:09 -0400 (EDT)  
Received: (from majordom@localhost)  
by ns3.qth.net (8.8.7/8.8.7) id FAA21031  
for cw-outgoing; Sun, 17 May 1998 05:57:17 -0400  
X-Authentication-Warning: ns3.qth.net: majordom set sender to owner-cw@qth.net  
using -f  
Received: from elscintcorp.co.il (mail.elscintcorp.co.il [194.90.74.98])  
by ns3.qth.net (8.8.7/8.8.7) with ESMTP id FAA21028  
for <cw@qth.net>; Sun, 17 May 1998 05:57:12 -0400  
From: Yaacov@barcode.co.il  
Received: from Yaacov.elscintcorp.co.il ([57.194.153.54]) by  
gateway.elscintcorp.co.il with SMTP id <27791>; Sun, 17 May 1998  
13:47:23 +0000  
Received: by Yaacov.elscintcorp.co.il (IBM OS/2 SENDMAIL VERSION  
1.3.14/2.12um) id AA0374; Sun, 17 May 98 13:48:18 -0400  
Message-Id: <9805171748.AA0374@Yaacov.elscintcorp.co.il>  
Date: Sun, 17 May 1998 13:44:58 +0000  
To: cw@qth.net  
Subject: [CW] Request to post the following in the CW group  
X-Mailer: Ultimedia Mail/2 Lite, IBM T. J. Watson Research Center

Content-Id: <71\_62\_1\_895427098>

Sender: owner-cw@qth.net

Precedence: bulk

- - - - - >>> the CW reflector <<< - - - - -

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

Hello,

I have sent you the following mail, to be posted. However, I failed to see it in the

digest.

I hereby send it again. If there is any reason why it does not fit in this group, please

let me know.

Yaacov Yossef 4Z9DGF

Haifa, Israel

Subject: Help Requested: Designing a BFO

Hello,

I am a new novice ham. I still do not have any equipment, and I intend to take the advanced tests somewhere in the future. Until then, I would like to be able to listen to CW, especially on the 40m band. I pick up some signals, record them on a cassette, and start practicing. However, I would really like to listen to more signals.

My receiver is a pretty good AM receiver. I want to turn it into an SSB receiver, before I get into spending more money on QRP kits. I understand that all I have to do is to build an external BFO, even without dis-assembling the set, and that will help me pick more CW signals.

Can anyone who has any idea, perhaps even a scheme, help me with this? Also, if you think that an external BFO will not help me much, please tell me that as well. Thank you,

4Z9DGF Yaacov Yossef

Haifa, Israel

<

>

< \* \* \* \* \* THE CW REFLECTOR \* \* \* \* \* >

\_\_Subscribe To: Majordomo@qth.net with Body: subscribe cw

\_\_Unsubscribe To: Majordomo@qth.net with Body: unsubscribe cw

--To post, send to cw@qth.net please, CW issues only  
--For digest version, Subscribe to cw-digest through majordomo@qth.net  
--For archives of postings, see web page http://www.qth.net/cw-digest.archive  
--To contact list owner, email to owner-cw@qth.net

--part0\_895404096\_boundary--

-----  
Date: Sun, 17 May 1998 07:45:14 -0400 (EDT)  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
To: Rick Arland <k7sz@juno.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [11055] Re: D A Y T O N  
Message-ID: <Pine.GS0.3.96.980517074128.3777Q-100000@larry>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

>  
> Do we REALLY care what the new NorCal project is?

I was there at the announcement. I shall not go into what it was, but because of the special arrangements with George Dobbs and what you get for your money in the kit and the service you will be helping to sponsor, my personal judgment is that everyone should really care about this project.

It has a unique aspect that NORCAL will explain in detail--one that goes to what I think is the heart of amateur radio.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)	(423)	974-7215
1434 High Mesa Drive	/	\	\	\	----	/\	(Hm)	(423)	938-6335
Knoxville, Tennessee	/\	\	\	\	/	/	(FAX)	(423)	974-3509
37938-4443 USA	/	\	\	\	\				cebik@utk.edu
QRP/ARCI 2572	G-QRP	7203	CQC	125	NEQRP	347	NORCAL	1111	MIQRP 1432
NWQRP 401	ARRL Life:	Technical & Educational	Advisor					10-10	41159
QCWA 13211	scQRP	28	AK/QRP	343	CW Ops	QRP Club	(VK)	476	FISTS 2600
									<a href="http://web.utk.edu/~cebik/radio.html">http://web.utk.edu/~cebik/radio.html</a>

-----

Date: Sun, 17 May 1998 09:29:42 +0100  
From: Leon Heller <leon@lfheller.demon.co.uk>  
To: Paul Christensen <paulc@mediaone.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [11056] Re: Norcal 20 Details  
Message-ID: <uKbjlMA2\$pX1Ewhq@lfheller.demon.co.uk>  
MIME-Version: 1.0

In message <00e001bd810d\$de8d44c0\$a62c8118@6626hvt5p091.se.mediaone.net>  
, Paul Christensen <paulc@mediaone.net> writes

>Leon:

>

>Help us all understand the operation of the "TUF-1" mixer and why it won't  
>achieve its stated purpose?

>

>-Paul, W9AC

See the Handbook for details of diode mixer operation. Diode mixers like  
the TUF-1, whilst good, don't behave well under the \*harshesht\*  
conditions, you need something better.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>  
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424  
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850  
DDS system. See " /diy\_dsp.htm for a simple DIY DSP ADSP-2104 system.

-----  
Date: Sun, 17 May 1998 08:48:01 -0400 (EDT)  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
To: QRP-L List <qrp-l@Lehigh.EDU>  
Subject: [11057] New NORCAL and GQRP cooperation  
Message-ID: <Pine.GS0.3.96.980517082352.4531B-1000000@larry>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I wrote my little "interest" note before reviewing the discussion of the  
NORCAL web page announcement and the various merits or not of the rig. I  
was reviewing my stacked-up e-mail in order after returning from Dayton  
(where the symposium and the banquet and the vender displays all seemd  
well-executed and well-received). So please do not take my "interest"  
note as part of the discussion, since when I wrote it, I did not realize  
the NORCAL announcement had been disseminated here.



By way of background, George Dobbs has a long track record from both of his positions (with the GQRP group and with his church) of support via direct contact (with much credit also to his wife) in third world countries. If anyone can maximize the placement of these new kits in the hands of those who can best use them in furthering world-wide amateur radio activity, George can. That aspect of the project is in the very best hands that anyone connected with QRP could possibly wish.

In fact, I shall likely try to get my name on the kit purchase list with the proviso that not only the matching kit, but the one that is supposed to come to me both be sent to deserving hands elsewhere in the world. The need is great (perhaps far greater than most of us realize); the goal is eminently worthy; and the folks involved are trustworthy beyond a shadow of a doubt.

I do not ask that anyone share my view. I simply look forward to the time when some old calls in the book become new calls on the air.

-73-

LB, W4RNL

-----  
Date: Sun, 17 May 1998 11:23:43 GMT  
From: k8cv@juno.com  
To: qrp-l@lehigh.edu  
Subject: [11058] Power supply?  
Message-ID: <19980517.125528.9270.0.k8cv@juno.com>

Friends.....

I find the idea below VERY interesting! Little is known about SWITCHING power supplies and I for one would be VERY interested in building a qrp switching power supply.

Walt K8CV

-----  
-----  
Dave wrote.....

Personally, I am not particularly interested in the Norcal 20. But many

others will be. The Norcal QRP club is not there for my personal projects.

Personally, I was hoping for a power supply. Mebbie next year!

QRPDave

----- End forwarded message -----

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sun, 17 May 1998 09:05:10 EDT  
From: k7sz@juno.com (Rick Arland)  
To: w6toy@erols.com  
Cc: qrp-l@lehigh.edu  
Subject: [11059] Re: The NORCAL radio  
Message-ID: <19980518.131308.10487.0.k7sz@juno.com>

Hear, HEAR !

If you NEED a single bander for 20 meters buy the damned kit.

If you DONT NEED a single bander for 20 meters don't buy the damned kit.

Personally, I have all the single banders I need. My Sierra performs very

well on 20 meters and I don't feel the need to buy this particular radio.

It has

been my experience that 20 meters is a less-than-ideal QRP band when using low dipoles, end-fed wires or other low efficiency, expedient antenna

systems used when camping or hiking. 40 meters, by far, is THE band for QRP, and I have my share of 40 meter single band radios for this band.

I can understand NorCal's motive for 3rd world involvement and it is laudatory.

Those of us who have spent time outside the US know that economies in other

countries seldom allow the average to low income citizen the chance to pursue

and enjoy a high tech, and VERY high priced hobby, like ham radio. Other governments tax the hell out of "luxuries" like ham radio gear.

Lets all just take a step back from this discussion and try to look at NorCal's decision objectively. I know for a fact that NorCal does not make any money on their kit projects. Jim Cates doesn't have an ego, and Doug Hendricks has a big enough ego for both of them! So that leaves "for the good of ham radio and QRP" as the motivator. Not a bad choice.

Jimmie & Dougie: Keep up the good work.

73 rich K7SZ

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sun, 17 May 1998 13:07:51 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: qrp-l@Lehigh.EDU  
Subject: [11060] (fwd) Re: Flop? nope...BUT what \*I\* would like to see...  
Message-ID: <355ee0da.80960963@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Sat, 16 May 1998 21:37:32 -0700, Mighty Mik <mitymik@hooked.net> = wrote:

>ok...the sunspot/20 meter thing being understood...\*I\* think the NEXT  
>project should be...A SIX METER CW RIG. Sunspots on the increase, and  
>openings NOW make it (imho) a desirable project. Just how many 6CW kits  
>are available right now? and sure, during lows in the cycle, it might  
>sit on the shelf...BUT right about now, IF i had one, i'd be dusting it  
>off, wouldn't I? and doesn't 6 need more activity? Yes, there would be  
>the design challange to keep it clean enough to keep it out of the TV so  
>the SO can relax, and in building it i would learn a lot about a band  
>that there isn't a lot of inexpensive gear for. The 20M rig has some  
>features...lets see a version on SIX.

I'd enjoy a good superhet 6m CW kit. I've never been on 6m, but I've = heard  
that you can run 100 watts and not work your neighbor, but can snag gud =

dx on  
3W!

Perhaps a new Elmer class (after a break, of course) could include us in the design phase as well as a kit (or better yet, include how to "etch" a board!). If someone knowledgeable could sort of "design it out loud", that would be ideal!! Let's homebrew!

That's sort of the way I learned BASIC programming in 7th grade. We said, "Here's what I want". Then, used every manual we could bootleg to find commands to do it.

Yep. 6m. I could put a full size dipole on the balcony!! I wouldn't know how to behave with full-size antennas ...

--  
72 es 73 de Marty, KM7W

-----  
=46ranklin, Tennessee <http://home.earthlink.net/~mwattcpa> =  
=20  
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

-----  
Date: Sun, 17 May 1998 09:25:31 -0400  
From: "Paul Christensen" <paulc@mediaone.net>  
To: <leon@lfheller.demon.co.uk>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [11061] Re: Norcal 20 Details  
Message-ID: <00a601bd8197\$56af0f40\$4ea898a9@jaxadmin2-89.mediaone.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Something better? Like what? You still haven't explained why the mixer won't achieve its stated purpose. Have you actually used and evaluated the TUF-1 mixer or are you presupposing based on an unfounded opinion?

-Paul, W9AC

-----Original Message-----

From: Leon Heller <leon@lfheller.demon.co.uk>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Date: Sunday, May 17, 1998 8:23 AM  
Subject: Re: Norcal 20 Details

>In message <00e001bd810d\$de8d44c0\$a62c8118@6626hvt5p091.se.mediaone.net>  
>, Paul Christensen <paulc@mediaone.net> writes  
>>Leon:  
>>  
>>Help us all understand the operation of the "TUF-1" mixer and why it won't  
>>achieve its stated purpose?  
>>  
>>-Paul, W9AC  
>  
>See the Handbook for details of diode mixer operation. Diode mixers like  
>the TUF-1, whilst good, don't behave well under the \*harshesht\*  
>conditions, you need something better.  
>  
>Leon  
>--  
>Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>  
>Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424  
>See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850  
>DDS system. See " /diy\_dsp.htm for a simple DIY DSP ADSP-2104 system.  
>  
>

-----  
Date: Sun, 17 May 1998 09:01:54 -0600 (MDT)  
From: marion@montana.com  
To: qrp-l@lehigh.edu  
Subject: [11062] Re: Flop? nope...BUT what \*I\* would like to see...  
Message-ID: <199805171501.JAA12994@paw.montana.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 09:37 PM 5/16/98 -0700, you wrote:  
>ok...the sunspot/20 meter thing being understood...\*I\* think the NEXT  
>project should be...A SIX METER CW RIG. Sunspots on the increase, and  
>openings NOW make it (imho) a desirable project. Just how many 6CW kits  
>are available right now? and sure, during lows in the cycle, it might  
>sit on the shelf...BUT right about now, IF i had one, i'd be dusting it  
>off, wouldn't I? and doesn't 6 need more activity? Yes, there would be

>the design challenge to keep it clean enough to keep it out of the TV so  
>the SO can relax, and in building it i would learn a lot about a band  
>that there isn't a lot of inexpensive gear for. The 20M rig has some  
>features...lets see a version on SIX.  
>  
>Mick WD8MNV/6  
>  
>  
>  
>  
>Exactly. Too bad you are not one of the norcal insiders. I was also hoping  
a 6mtr transverter for QRP CW was a possible new kit. ANYTHING but a 20mtr  
rig. Roy AB7CE

-----  
Date: Sun, 17 May 98 08:15:07 -0700  
From: "James R. Duffey" <jamesd1@flash.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [11063] Where Are All the Texas QRPers??  
Message-ID: <199805171415.JAA29733@endeavor.flash.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

I got home last night about 0345Z and turned on the radio to see what was cooking.

On 10 M, 28.280, the K5AB beacon from EM10 in central Texas was booming in here at S-7. I immediately QSYed to 28.06 and started calling CQ. I turned on the other station receiver and monitored the beacon between CQs. The beacon signal strength varied from S-3 to 10 over 9 during the next 15 minutes. My CQ went unanswered by anybody in Central Texas though! Are all the QRPers in Texas at Dayton?? Or does Saturday night in Texas really swing that much so that good band openings can be ignored? Is everybody there cleaning off the bench in anticipation of the new NorCal 20, ElecCraft K2 (what happened to the K1?), or A&A multibander? Conditions were ripe for a good QRP QSO as I think that K5AB runs less than 5 W to his beacon.

Finally at 0400, WB5QYT in Albuquerque answered my CQ and we had a short chat including the "Fox" exchange. That makes two Foxes for me this season.

Tom signed to fix his tuner at 0413 and I went back to check the K5AB beacon. It was weak and rather rapidly faded into the noise. I listened for another 15 minutes, but nothing.

Monitor 10 M. Call on the QRP frequency. We are beginning the Sporadic E season. Signals can come and go quickly, but sometimes they can stay in for hours. Listening for the beacons between 28.2 and 28.3 can be a lot of fun and give a good indication of where and when the band is open.

If there is enough interest I can make my annual spring posting on tips for working Sporadic E on 10M. - Listen on 10M!! - Duffey KK6MC/5

James R. Duffey KK6MC/5 DM65  
30 Casa Loma Road  
Cedar Crest NM 87008

-----  
Date: Sun, 17 May 1998 09:19:14 -0500  
From: Chuck Carpenter <w5usj@webwide.net>  
To: qrp-l@lehigh.edu  
Subject: [11064] QRP on 6  
Message-ID: <3.0.1.32.19980517091914.0069b4fc@mail.webwide.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi all,

The 6 meter sprint Saturday offered a chance to check QRP on 6 again. Even with my wimpy discone antenna at 20 ft, I was able to make several contacts. One was QRP to QRP (10 W PEP) another was 4 W PEP to QRO. No CW ops to be found, though. It'll be doing much better when I get my beam back in the air.

72/73 -- Chuck, W5USJ, EM22cv  
Rains County, Eagle Capitol of Texas  
ARCI # 5422, QRP-L # 1306, FISTS # 3984, Six Club #201

-----  
Date: Sun, 17 May 1998 09:21:34 -0500  
From: Chuck Carpenter <w5usj@webwide.net>  
To: qrp-l@Lehigh.EDU  
Subject: [11065] 10 meters  
Message-ID: <3.0.1.32.19980517092134.0069b4fc@mail.webwide.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

FOXii,

The ten meter propagation is there. I'm hearing beacons from NC and PA this morning. I'm calling and listening in the suggested CW frequency ranges. Making some contacts too.

72/73 -- Chuck, W5USJ, EM22cv  
Rains County, Eagle Capitol of Texas  
ARCI # 5422, QRP-L # 1306, FISTS # 3984, Six Club #201

-----  
Date: Sun, 17 May 1998 10:28:49 -0400  
From: Zack Lau <zlau@arrl.org>  
To: qrp-l@Lehigh.EDU  
Subject: [11066] Re: Norcal 20 Details  
Message-ID: <355EF421.72E4@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

These FETs are challenged operating across the parking lot from W1AW with a big antenna. To get IMD down 100 dB with +35 dB signals requires a +85 dBm input intercept. And tight RF filtering really doesn't help if you need to operate a few kHz away, though I imagine a 30 kHz RF filter would really help in most European operating conditions.

When I did my 12/15/17 meter rig, the most popular request was for a 20M version. Zack W1VT

-----  
Date: Sun, 17 May 1998 10:46:45 -0400  
From: "David, n2zhy" <n2zhy@amsat.org>  
To: qrp-l@Lehigh.EDU  
Subject: [11067] Dear Mr. Norcal  
Message-ID: <355EF855.1201@amsat.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Dear Mr. Norcal:

Cool!!!



I built the Wilderness Radio 40a and I can't tell you how proud I am!

I'm building the SW 30 and it looks good so far. All the help and background information available from the Elmer project has been wonderful and reassuring.

Yup, 20 meters I need to round out a complete shack in a pack! At least from a General License point of view, it seems that the most dx come in on 20 meters.

Only been a ham for just under four years and have no technical background in this stuff but, the quality of these kits and the excellent documentation and help from the "manufactures", have allowed someone like me to successfully build a working radio.

More than Cool!!!

SIGN ME UP!!!!

72

David,n2zhy (rf challenged)  
Princeton,NJ

Ps. That third world thing is nice too. Are they setting up any schedules yet?

-----  
Date: Sun, 17 May 1998 11:21:06 -0400  
From: "Bruce Hopkins - KL7JAF" <bhopkins@fx2.com>  
To: <qrp-1@lehigh.edu>  
Subject: [11068] HTML... Sorry  
Message-ID: <01bd81a7\$69482820\$990d28d1@bhopkins>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang...

Sorry for the HTML on my post... I turned it off once guess it didn't stick... Have patience with me, I will have Netscape downloaded shortly...

72-Bruce-KL7JAF/4

-----  
Date: Sun, 17 May 1998 10:13:05 -0600 (MDT)  
From: marion@montana.com  
To: qrp-l@lehigh.edu  
Subject: [11069] Third world  
Message-ID: <199805171613.KAA17580@paw.montana.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I personally would rather see rigs donated to kids and schools in good ole' USA. From the information put out , amateur radio is dying a slow death in this country. Roy AB7CE

-----  
Date: Sun, 17 May 1998 08:33:01 -0700  
From: Jeff Grudin <grudin@pacific.vdbs.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [11070] Re: AB7CE FLOP (Too long)  
Message-ID: <355F032D.7ABB@vdbs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> Volunteers? I'm not so sure. Just in k8ff padlles alone I estimate  
>\$50,000.00 changing hands. And now another \$47,500 minus the cost of kitting  
>the 20 mtr rigs. Nothing wrong with a club supporting itself, but with  
>norcal's "anything goes" policy, I think thats just what happens. Roy AB7CE

You don't like the new kit? That is fine. Don't buy it. You feel the need to express your dislike? That is fine. I have a delete key.

You attack the integrity of our friends? YOU ARE WALKING A FINE LINE!

You are obviously ignorant of the amount of selfless work that Jim and Doug have put into Norcal to make it such an international success.

You are obviously ignorant of the genuine love and affection that they have in the promotion of amateur radio and QRP.

You are obviously ignorant of the adoration that most the members of our club have for them.

You are obviously ignorant of what it take to put out a kit. It doesn't matter if \$500k change hands, or \$1,000,000. To put out a kit like the Norcal paddles for \$38. There just isn't much room for profit. They couldn't make more than a few bucks profit per unit. For the amount of effort they put in they should be paid and paid well. But instead they put that money back into the club to promote Norcal and what Norcal does. They put on one of the best Hamfests devoted soley to QRP. As I recall the cost is free. The monthly meetings are well attended. There are no club dues. People drive 300 miles just to come. There are no club dues. Many folks don't even drive a few miles to their local club meetings.

Icom makes a rig, the IC775DSP. The last thing I need is a \$3600, 200W rig. Does that make Icom a flop? No not at all. Lots of guys want one and buy them. Just because you don't like it, it doesn't make it a flop. I would be willing to bet Norcal sells the 500 rigs. And they sell them quickly. Not only will lots of guys have the fun of building the rigs, but their building of them will contribute to spread good will and QRP to countless third world countries. Remember the goals of amateur radio?

So if you need to complain, go ahead I can ignore it. If you need to attack good people with ignorant unfounded remarks, well, take it to 75 SSB. I won't be there.

Please guys, THINK BEFORE YOU TYPE. There are real live guys at the other end of those twisted pairs.

--

73 de Jeff AC6KW  
grudin@vdbbs.com

-----  
Private Practice : Companion Animals and Exotics  
Ocean Animal Clinic / Cat Clinic of Santa Cruz  
Santa Cruz, California

Norcal QRP #1292    QRP-L    #16    ARS #351  
AR Qrp #131    Bumble Bee #19

QRP'ers do it with less energy (but lot's of enthusiasm)!

-----

-----

Date: Sun, 17 May 1998 11:37:28 -0400

From: "Bruce Hopkins - KL7JAF" <bhopkins@fx2.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [11071] Norcal 20 / I'am back... 8^)  
Message-ID: <01bd81a9\$b2796c00\$990d28d1@bhopkins>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----\_NextPart\_000\_001E\_01BD8188.2B67CC00"

This is a multi-part message in MIME format.

-----\_NextPart\_000\_001E\_01BD8188.2B67CC00  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hi Gang...

Had an uneventful trip from the sub-arctic to the sub-tropics...=20  
There is nothing more painful to the eye than an Alaskan in shorts and a =  
tank top after a long winter... No one, fortunately, has had the bad=20  
taste to point it out to me... Most just snatch at their sunglasses...

I had to purchase a confuser so I could continue my QRP-L fix so=20  
was off the list for about 5 days... Now to tame the Windoze beast...=20  
Always did like a challenge...

Just read the Norcal announcement... Bravo once again Norcal...=20  
Makes me proud to be a member... I look forward to getting on the list=20  
knowing that a matching kit will go to a deserving or budding=20  
third-world Ham... The choice of 20m is spot on... There is no other=20  
band that fills the bill on a global basis... This one serves the Ham=20  
population through both the high and the low of the solar cycles as no=20  
other band can...

Wish I could have joined the group at Dayton but this was a medical =  
emergency trip so no way to arrange the stop... Not sure how long I will =  
be here in FL but probably at least another month... I brought my=20  
Sierra, LDG tuner, and solar panel, so will be looking forward to=20  
enjoying the enhanced propagation down here in the lower-48... As soon=20  
as I get a keyer put together I will have all band capability with=20  
Mum-in-Laws TS-450S & 4BTV (at 5 watts or less)...

Take care and have fun... Will be looking for you all on the=20  
bands...





```
=====
KC5TJA/6      |      -| TEAM DOLPHIN |-
DM13          |      Samuel A. Falvo II
QRP-L #1447   |      http://www.dolphin.openprojects.net
=====
```

-----

Date: Sun, 17 May 1998 11:44:38 -0400  
From: Bob Edwards <w4ed@flash.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [11073] 6 mtr, SMT  
Message-ID: <355F05E6.E01FB0A0@flash.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

A follow up on the positive thread mentioned by Marty/KM7W  
and Mick/WD8MNV.

Marty said:

> Yep. 6m. I could put a full size dipole on the balcony!!  
> I wouldn't know how to behave with full-size antennas ...

Mick said:

> Yes, there would be the design challenge to keep it clean...

Maybe a 6 mtr SMT CW kit with/without elmer email traffic ?  
(when time is right)

How about it KnightLites ? Sir Todd ? Laura ? VHF elmers ???

Diff SMT subject

-----

Thanks to Todd/KB0HQU for presenting "Surface Mount Basics"  
at the recent SC hamfest. It was very informative & well done.

Sir Todd, Sir Bob/AE4IC & the other KnightLites have done us a  
real service with the SmtTe project. Thanks again.

Also, Laura/VE7LDH's "Introduction to SMT" QRP Quarterly, Apr'98  
is a must for those (me) getting started in SMT. She suggests  
a group buy for SMT parts - I'm in.

ps, "right on" LB (...again)

--

Bob 72/73

<http://www.qsl.net/w4ed>

W4ED nr Atlanta @EM73wt

...."QRP", more from less....

```
      /|
     / | \
    /  |  \
   /_ | _\
  /_ | _\
 [ \-===== -/
```

-----  
Date: Sun, 17 May 1998 09:31:40 -0700

From: Jack Parker <Pparker@greatbasin.net>

To: qrp-l@lehigh.edu

Subject: [11074] Parts, parts, parts

Message-ID: <3.0.1.32.19980517093140.00686cf4@mail.greatbasin.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

On a lighter note...I just got my first order from Dan's Small Parts...one week exactly. Thanks for the excellent service and prices.

Usual disclaimer...just a satisfied consumer!

Jack, W7PW

"One thing I can't \*stand\* is intolerance"

Anon.

"...the time is fast approaching when freedom, public peace, and social order itself will not be able to exist without education."

Alexis de Tocqueville--Democracy in America (1834)

-----  
Date: Sun, 17 May 1998 13:12:35 -0400 (EDT)

From: tnic <tnic@idt.net>

To: qrp-l@Lehigh.EDU

Cc: tnic@erols.com

Subject: [11075] SGC 2020 & CW

Message-ID: <Pine.GS0.3.95.980517125410.2427A-1000000@u1.farm.idt.net>

MIME-Version: 1.0



Content-Type: TEXT/PLAIN; charset=US-ASCII

Have been using the 2020 for 2 weeks now.

I have only been using SSB Phone. No problems there. I have made contact all over the world.

The 2020 is a capable little rig with great receive and excellent audio output (from the reports). Even a friend in Florida said the audio output was good when we had a high noise level and I just was able to get over it!

I have begun to listen to CW lately and I am no expert. But people have asked how it does on CW.

I have had no problems.

On 7.030 three stations were sending CW. I was able to select an individual station from the mix by narrowing the receive band with (BW button - band width) and sometimes using the band pass tuning. However the BW seemed to have the best. I could widen the receive to hear both stations or narrow the receive to only hear one station! Again I am not a CW expert.

I don't work for SGC and am not love struck for the company nor do I dislike SGC (after all I bought their product).

But the 2020 radio stands on its own performance and has exceeded all my expectations. It's a great radio.

I have mastered all the controls (I think) and it's easy enough to operate.

I have not been able to operate it on battery yet. Just have had no time.

The receive is as good as anything out there.

=TOM=

tnic@idt.net

-----  
Date: Sun, 17 May 1998 11:27:31 -0600  
From: "James R. Duffey" <ji3m@maxwell.com>  
To: qrp-l@Lehigh.EDU  
Subject: [11076] NorCal 20 - A Technical Opinion  
Message-ID: <v03007803b184c4618326@[192.31.66.158]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I will stick to the technical aspects of the NorCal 20 and will comment on the rig description that I have seen on the NorCal page.

I think NorCal has made the correct decision to break with the NE602 to offer a truly high performance receiver in a QRP transceiver. The NE602 can't be beat for bang for buck and simplicity, but it is a mediocre performer when it comes to strong signal handling.

I did some analysis of simple QRP receivers last summer for the Ft. Tuthill QRP forum. When it came to dynamic range; the receivers with diode ring mixer front ends stood head and shoulders above the NE602 based rigs. It is easily visible when the data is plotted. The NE602s are not all bad; they out perform by a wide margin the performance of commercial rigs that were popular 20 years ago such as the FT101E and TS520, but there is substantial room for improvement.

The analysis also showed that those rigs with tighter selectivity out performed those with wider selectivity. The 5 pole filter will help immensely in this area.

I do not know what the front end selectivity looks like, but I hope it contains at least two tuned circuits. That will help the strong signal handling capability. Also no information is given about the audio filtering, but if it matches or approaches the IF selectivity, this receiver will be a real QRM buster.

With all the brain power associated with this design, I assume that the TUF-1 is "properly" terminated at the output; a critical area for wringing all of the performance out of a balanced mixer. I also assume that the oscillator is done "right" with low noise sidebands and adequate drive power, other areas that can limit the performance of diode mixers.

I like a built in keyer so that is a plus for me. I am not sure I like the audible frequency "dial", but I have never used one before. I am mostly a visual learner though and that taints my opinion.

The down side in using the ring mixer is evident in the complexity, 220 board mounted parts as opposed to less than 100 for a simple NE602 receiver like the 38s or SST.

As to the choice of 20 M; band choice is highly personal, like the decision on whether or not to use AGC. I used to abhor 20M, for many of the reasons cited by posters here. I have come to enjoy it though. I have found that it is a very productive band on QRP, and 20 meters has been the source of many of my contacts and multipliers on QRPTTF, Spartan Sprints, FYBO, BUBBA, and

SS. With the upswing in solar activity it will be open later and later into the evening, eventually opening around the clock. The antenna requirements are modest for good performance, particularly important for backpackers. The band can open short if the solar activity is high, or if there is sporadic E. In the 1994 sweepstakes I got more close in multipliers on 20 M due to the Sporadic E skip than I did on 80M!

The distribution overseas will have the biggest impact on 20 M I am sure.

Congratulations to Doug, Dave, George and the rest of the gang. You have broken with popular thoughts and wishes to come up with another winner. See you at HamCon, Ft. Tuthill and Pacificon (if the schedule works out). -  
Duffey KK6MC/5

James R. Duffey        KK6MC/5   DM65   <jamesd1@flash.net>  
30 Casa Loma Road  
Cedar Crest NM 87008

-----  
Date: Sun, 17 May 1998 13:33:08 EDT  
From: sigcom@juno.com (Stephen M Smith)  
To: qrp-l@Lehigh.EDU  
Subject: [11077] 2222 contest.  
Message-ID: <19980517.044424.8175.2.sigcom@juno.com>

Group,

Other than the lucky ones at Dayton, has anyone heard anything about the entries and winners of the 2222 contest? I haven't seen anything on the NorCal page or here.

73.....Steve, WB6TNL   Oxnard, CA   QRP-L #621   NorCal #2065   ex-WN6TNL  
(1967)

-----  
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-----  
Date: Sun, 17 May 1998 12:37:24 -0500  
From: nilsbull@juno.com (Nils R Young)

To: QRP-L@lehigh.edu  
Subject: [11078] Last moments of 1998 Hamvention &c  
Message-ID: <19980517.123814.6510.0.nilsbull@juno.com>

Gang,

As I write this, the main arena at Hara is filling up with folks who are sure they're gonna win something bigtime. That and folks waiting for lost friends to recognize the approach of the plane departures at Vandalia or Cincy. Either way, the '98 HV is winding down.

I already started that process when I stood in the flea market, looked at the Morse key collector's hand book that I'd just bought of Tom Perera and realized that I had managed to get this far without buying something that I didn't already have in one form or the other. I was still self-aware enough to know that it was time to go home and mow the lawn. And give Cindy the checkbook so we could assess the damages.

Aside from the CW key book, I'd only spent serious cash on renewing memberships until the end of this century in the three QRP outfits to which I sub. I'll be 54 and it'll be reminder time by then. That and other chronological indicators.

Those other chronologies were clearly visible as I sauntered down the last few aisles of the flea market and headed for the bus. I looked at Hammarlund & Heath & National & whatever else that still exists (and still works like it otter) from that era when I first figured out how to shock myself. Lots of stuff was still in the same place it had been on Friday afternoon when I made the first pass of the fleas. I got the impression that everyone was waiting for the momentous, like millenialists in some commune out in Montana, expecting the return, any day now, of the One True Salesman. And there was plenty of reason to feel that way.

It's becoming the end of an era. Tubes are pretty much outta here. Transistorized rigs now have parts in 'em that aren't made any more, no matter how much design and use they had gotten over the past 30-odd years. ICs and SMD are pretty much the norm. And Norm wasn't even gonna let on what was next, other than the M1 that Dick & Kathy are hoping to finish off and offer for sale some time before the winter building season hits. Same too with Wayne & Eric's K2, which I drooled over often enough to prove its sea worthiness.

So they're pullin' up the carpet in the Kenwood & Icom booth areas. The QSL card sales guys are balancing their books and getting ready to be classically over-worked for a couple weeks and some. The Ramsey kits are going back in the boxes. And folks like Rev. Dobbs and Dick Pascoe, Doug Hendricks & Jim Cates, Bill Kelsey & the folks at the big-time wire &

rope booth are preparing to succumb, after all these past three days, to the weariness that's been doggin' 'em since Thursday morning.

Another beautiful-weather, lotsa-people, good-conversation & companionship Dayton hajj is over. We roll up our prayer rugs and await the passing of another year of fun & fumbling. And I'm gonna take a nap.

Right after I put the lawnmower away.

73

Nils

-----  
-----  
Nils R. Bull Young

La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch

WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com

<http://www.geocities.com/Athens/Olympus/9172>

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Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sun, 17 May 1998 11:15:07 -0800

From: Ward Hill <w\_hill@ns.net>

To: qrp-l@Lehigh.EDU

Subject: [11079] Norcal 20

Message-ID: <103130300b184e6c9fd45@[207.159.15.113]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Personally, I would like to have my call sent with the kit that will be making it to someone for free. I want to have a QSO, QRP with my TWIN and know it. There should be an award for that QSO.

Best 73 to NORCAL and all,

Ward Hill, WA6FUH

Engineer at KOVR, Channel 13 (CBS), Sacramento, CA

<http://www.kovr.com/index.htm>

"Where excuses stop, achievements begin"

Life Member ARRL NorCal #2660 10-10 #27139 QRP-L #1117 AK/QRP #249

All QRP, All home built/home brew equipment

w\_hill@ns.net

WA6FUH@KM6PX.#NCA.CA.USA.NOAM

-----  
Date: Sun, 17 May 1987 14:29:40 -0400  
From: "Vincent Ferme" <vferme@sprint.ca>  
To: <w\_hill@ns.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [11080] Re: Norcal 20  
Message-ID: <004001b12c66\$12696f20\$c51205d1@vince>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Ward,

EXCELLENT IDEA!!!! This is exactly what Telesat, the Canadian satellite operator, is doing with their new satellite. A contest was held to select the name and the winner, besides other prizes, will have the name engraved on the satellite.

73 de Vince, VE3VFN.

From: Ward Hill <w\_hill@ns.net>

>Personally, I would like to have my call sent with the kit that will be  
>making it to someone for free. I want to have a QSO, QRP with my TWIN and  
>know it. There should be an award for that QSO.

-----  
Date: Sun, 17 May 1998 18:39:45 -0700  
From: jerry schnor <jerrylee@cwws.net>  
To: osier@northnet.org  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [11081] Re: Novice and Tech Plus Special Events  
Message-ID: <355F9161.648E@cwws.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Lisa Osier wrote:

>

> From: George Osier N2JNZ

>

thanks as a tech plus i would appreciate it if people would slow down to eight or nine wpm. i'd even like to do a schedule with someone at that speed if it could be arranged about work hours etc. i only have a straight j-38 key however, have not been able to have time to build a key from norcal yet. jerry n6ifw

-----  
Date: Sun, 17 May 1998 14:12:00 -0500

From: Tim Ahrens <tahrens@inetport.com>

To: jamesd1@flash.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [11082] Re: Where Are All the Texas QRPers??

Message-ID: <355F3680.CD4FAFB3@inetport.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Duffey .... well, I'm remodeling the kitchen.... What an alternative to Dayton! Hmmm, mebbe I should clean off the bench for the K2... perhaps the brownie points have gone above critical mass!!

I always hear that beacon..... I'm in EM10 too!

cu

Tim W5FN

-----  
Date: Sun, 17 May 1998 02:14:49 -0700

From: Lisa Osier <osier@northnet.org>

To: qrp-l@Lehigh.EDU

Cc: osier@northnet.org

Subject: [11083] slower CW

Message-ID: <355EAA89.70A9@northnet.org>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

To: Jerry Schnor N6IFW

From: George Osier N2JNZ

Hi Jerry !!

Slower code is easy to find here , the novice section on 40 es  
15 is a great place for anyone of any speed, When 15 is open I am on in  
the mornings from abt 1300 to 1700 UTC. Be looking for u !!!!

73/72s

George, N2JNZ/QRP

-----  
Date: Sun, 17 May 1998 13:34:14 -0600

From: "Steve Hurst" <shurst@magiclink.com>

To: <qrp-1@lehigh.edu>

Subject: [11084] NorCal 20

Message-ID: <199805171933.PAA08670@nss4.cc.Lehigh.EDU>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Gang,

This post has absolutely nothing to do with the new NorCal project , or my  
opinions about it !! Just wanted more people to read it ! Ain't I a  
stinker ? Anyway to the meat of the e, I have written a review of the  
plastic dustcovers for paddles. I was looking for these a couple of weeks  
ago and someone on this list was kind enough to give me the ordering info.  
So I thought I'd post a review on my web site for all to read ! So...  
should you be interested in such things..... swing on over to my pad and  
check it out !

Follow the link in my sig. line and look for " Product reviews", then look  
for " Plastic Dustcovers" . ( a clever ploy to get more folks over to me  
web site, tee hee hee ) But most of all..... ENJOY !!!

P.S. I think Idaho is a third world country.... is'nt it ??? I've been on  
the corner of the street with a sign... " will work for qrp rigs" ! :- ) (   
just kidding !!!!..... jeessssss !)

73,

Steve Hurst

KA7NOC ( southern Idaho )

<http://www.magiclink.com/web/shurst>

shurst@magiclink.com  
-----



Date: Sun, 17 May 1998 14:03:45 -0600 (MDT)  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: Ward Hill <w\_hill@ns.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [11085] Re: Norcal 20  
Message-ID: <Pine.SOL.3.91.980517135855.14956B-100000@zia>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 17 May 1998, Ward Hill wrote:

> Personally, I would like to have my call sent with the kit that will be  
> making it to someone for free. I want to have a QSO, QRP with my TWIN and  
> know it. There should be an award for that QSO.

>

> Best 73 to NORCAL and all,

Excellent idea, Ward. Personally, I would like to have my name and address included in the rig I buy ... with the hopes that I might actually hear from the guy and find out where my "son" ended up. Then if we \*should\* ever hear each other on the air, we'll know that will be one of those QSO's you'll cherish forever.

Great idea ... Paul NA5N

-----  
Date: Sun, 17 May 1998 13:48:33 +0100  
From: talljazz@teleport.com (Dan Presley)  
To: qrp-l@Lehigh.EDU  
Subject: [11086] Norcal 20 a home run!  
Message-ID: <v0153050ab1848a687e69@[204.202.160.184]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I applaud the Norcal club for the new kit and the vision behind it. It's a very smart idea to have a 20m kit in time for the next sunspot cycle as 20 can be open somewhere in the world 24 hrs a day, and to think of having a good radio in the hands of willing hams around the world will be great! Think of the DX possibilities, even if you're selfish. Last time I looked, this was an international list, and there is a world out there beyond the good ol' USA - take a look at your NE612 chip to see who developed it, and where it was manufactured. Radio 'waves' don't stop at the US border. Thanks again to Norcal for the new kit, and the foresight to lead us

qrp'ers to a wider scope of our hobby.

"there have been strange reports of unmarked helicopters carrying blue-helmeted troops landing at Burger kings in Northern California-they have been seen carrying small blue boxes with knobs and dials"

Dan N7CQR

-----  
Date: Sun, 17 May 1998 13:56:53 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: Vincent Ferme <vferme@sprint.ca>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [11087] Re: Norcal 20  
Message-ID: <Pine.BSI.3.96.980517135546.5417A-100000@usr07.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 17 May 1987, Vincent Ferme wrote:

> Ward,  
>  
> EXCELLENT IDEA!!!! This is exactly what Telesat, the Canadian satellite  
> operator, is doing with their new satellite. A contest was held to select  
> the name and the winner, besides other prizes, will have the name engraved  
> on the satellite.  
>  
> 73 de Vince, VE3VFN.  
>  
> From: Ward Hill <w\_hill@ns.net>  
>  
> >Personally, I would like to have my call sent with the kit that will be  
> >making it to someone for free. I want to have a QS0, QRP with my TWIN and  
> >know it. There should be an award for that QS0.  
>

This is one of the best ideas I've heard in years. It responds directly to the "good will" nature of amateur radio.

What's all this  
extinct stuff, anyhow?  
|/  
oo\

Circuit Design for the  
RF Impaired  
  
Chris Trask / N7ZWY  
Principal Engineer  
ATG Design Services

All this stuff and nonsense about bands and projects. Just about every radio that Norcal puts out is a good idea. And that fact that they can have Wilderness pick up where they leave off means that usually everyone that wants one of their radios can get one. I have been a Norcal member for a few years and still intend on staying that way.

I have been on 20 meters CW on and off for a long time and I can tell you that it is a great band for QRP, especially now that the sun spots are back. I was on one night about a month ago and called CQ on 14060 and got a 579 report from Alaska. It is real nice when they call you. The other morning I was on the bottom of 20 meters about 5:30 in the morning. Heard a ZL calling CQ over and over. One call with 3 watts to a vertical got me a 559 and another ZL to try lowering his power. He cut to 4 watts and still chatted. I grabbed a 7L in Japan at 3 watts and a 579 report yesterday. On Friday morning before work, I chatted with Dave Ingram, K4TWJ. He called me after just one CQ. All bands are QRP bands. I just tend to favor some for a while and then move on to others. 20 meters is not owned by the killerwatts and jughead bigots. I run into all kinds of nice people and have great QSO's there all the time. For DX, it is a great band. You may not be able to crack the pile up for 3B7 (ya sure) first call, but Europe and the Pacific are there all the time and really easy to work. That is one of the reasons that the OHR 400 is

the rig that gets uses the most here. Is real nice to not have to switch from mono bander to mono bander just to change bands! I am looking forward to the new generation of mutlibanders and all of the new kits that are coming out. We should all be glad that there are so many GOOD kits out there. QRP has really breathed some new life into what many had considered a dying part of the hobby. If we would all spend half of the energy that we spend telling others what they are doing wrong by just getting on the air, or helping elmer a new kit builder, then none of us would have time for the griping. I for one am glad that there are new kits coming out and they can put them on what ever band they want. All of the bands are great QRP bands. If you don't like a kit or project, then vote with your checkbook instead of your keyboard.

Jess

--

Jess N0TFI <><

<http://www.concentric.net/~jessqrp> Personal Home page

<http://qsl.net/n0tfi/bug.html> Bug Stories

-----  
Date: Sun, 17 May 1998 17:27:48 -0400 (EDT)  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
To: QRP-L List <qrp-l@lehigh.edu>  
Subject: [11089] FDIM paper  
Message-ID: <Pine.GS0.3.96.980517170954.13243A-100000@moe>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

As I have for the preceeding FDIM symposia, I have placed my paper for this year's session at my site for those who might be interested but who could not attend Dayton. The topic is transmission lines--nothing new, but a slightly different approach to the subject with the hope of developing a greater appreciation of the subject.

My understanding is that QRPARCI will make the extra copies of the FDIM proceedings available for sale once everyone returns home and recovers. The other papers make the proceedings a good volume to have--not just on the shelf, but out on the desk for reading.

I want to pass along my sincere compliments to the visible and the invisible folks of QRPARCI who made all of the arrangements for the symposium. It took a lot of work to register somethjing approaching 170 folks, get the room arranged, make reservations for speakers, take care of

packets, produce the packets, including the bound volume of papers, and some other things that I am sure I am forgetting. The workers deserve great credit in making the day happen with no significant snafus.

Start planning now for next year's Dayton FDIM. It was great renewing acquaintance with the officers and members I have previously met and meeting a bunch more for the first time (despite e-mail acquaintance), and even so, there was not time to meet everyone I wanted to get to know.

ARRL has taken note of the excellent efforts of the group to advertise FDIM and asked me about attendance. When I told them, they were visibly impressed. They volunteered (without prompting from me) that the dual challenge of operating and constructing is no where more evident than in QRP work--and ranges from beginning efforts to the most sophisticated. Appreciation for the QRP challenge may never achieve the status often accorded to big contesting and DXing, but it is growing within the hobby and within the League.

Everyone who went to Dayton will have his or her favorite aspect of the session. The vendors, the evening get togethers, the banquet, the building, whatever--my congratulations to all who made the event possible.

Hope the hot water was restored at the motel.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)	(423)	974-7215
1434 High Mesa Drive	/	\	\	\	----	/\---	(Hm)	(423)	938-6335
Knoxville, Tennessee	/\	\	\	\	/	/	(FAX)	(423)	974-3509
37938-4443 USA	/	\	\	\	\				cebik@utk.edu
QRPARCI 2572	G-QRP	7203	CQC	125	NEQRP	347	NORCAL	1111	MIQRP 1432
NWQRP 401	ARRL Life:	Technical & Educational	Advisor					10-10	41159
QCWA 13211	scQRP	28	AK/QRP	343	CW Ops	QRP Club (VK)	476	FISTS	2600
									<a href="http://web.utk.edu/~cebik/radio.html">http://web.utk.edu/~cebik/radio.html</a>

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Date: Sun, 17 May 1998 16:44:50 -0500  
From: Mike Martin <mmartin@netins.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [11090] Re: 6 mtr, SMT  
Message-ID: <355F5A4E.9F9A2F22@netins.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bob Edwards wrote:

> A follow up on the positive thread mentioned by Marty/KM7W  
> and Mick/WD8MNV.  
>  
> Marty said:  
> > Yep. 6m. I could put a full size dipole on the balcony!!  
> > I wouldn't know how to behave with full-size antennas ...  
>  
> Mick said:  
> > Yes, there would be the design challenge to keep it clean...  
>  
> Maybe a 6 mtr SMT CW kit with/without elmer email traffic ?  
> (when time is right)  
>  
> How about it KnightLites ? Sir Todd ? Laura ? VHF elmers ???

I know that I would be very interested in 6-meter stuff. I have never worked that band. Count me in!72/73

Mike Martin

KA0AMA

QRP-L #1506

IAQRP #5

ARS #399

Galesburg, IA

41 33 32N 92 56 46W

If at first you don't succeed, try again. Then quit.

No use being a damn fool about it.

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Date: Sun, 17 May 1998 21:45:44 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: qrp-l@Lehigh.EDU  
Subject: [11091] NorCal FAQ  
Message-ID: <355f596b.111794984@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

I think perhaps a little "FAQish" reminder of what NorCal is all about is=  
in

order.

This will be MY last word on the topic, other than to offer my sincere gratitude to the key players in NorCal -- "I'm not worthy!!"

I'd take it as a personal favor if the naysayers would pay particular attention to the fourth paragraph, below. This text can be found on the NorCal web page.

72/73, Marty KM7W  
Franklin, Tennessee

-----=  
-  
Welcome to NorCal, a group of some 2,000+ QRP enthusiasts. Started in Northern California (hence the name) in 1993, it now has spread world-wide, with members in all 50 states and some 75 countries.

But, while this growth is remarkable, we are not in the numbers game; rather, our interest is to promote QRP fellowship, by means of our monthly meetings, our quarterly, and our club projects.

Taking these in that order, let me preface the description of our meetings by addressing the organization of the club itself. First and foremost, there are no officers, directors, nor constitution. Neither are there any dues; it is only the quarterly for which there is a charge, \$15 a year USA & Canadian, and \$20, DX.

Having no officers nor structure of any significance, every member is equal to every other one. This means that, for example, if you want a QRP net, start one. No permission is needed. You want an official club badge? Have one made, whatever color or design you like. It is an official NorCal club badge. Contest? Great idea! Organize it any way you like, but make sure you get the details to the editor of the quarterly in sufficient time for him to publish them.

We like this lack of structure and ensuing equality. It avoids the usual club problems of personalities, politics, and factions.

Moreover, our egos do not even require that the club continue to exist. If it continues to serve a need via our meetings, quarterly, and projects, fine. If not, it will die, as well it should

As with any organization, however, there is a need for housekeeping. Doug Hendricks, KI6DS, is editor of the quarterly, and I am coordinator. Eric Swartz, WA6HHQ is technical editor, and Dave Meacham, W6EMD is technical consultant.

We meet the first Sunday of the month, at the California Burger, located in the shopping center at Santa Rita Road and I-580, Pleasant, Ca. The time is 10:30 AM, following the wind-down of the Livermore Ham Club swap, which is only two miles away.

These meetings have no agenda, just come as you are, and bring whatever you think is of interest. Come early or late, stay until everyone is gone, whatever meets your time and interest.

Members seem satisfied with this lack of agenda, but if we get tired of it, we will try something else, or chuck the whole thing. This is our meeting philosophy as well as format.

QRPP, the NorCal quarterly, is printed four times a year, Spring, Summer, Fall, and Winter. It is 68 pages of 100% QRP; no paid ads, and almost all of the articles are original. The only=20 reprinted ones, with permission of author and publication, are those of significant interest to all QRP'ers, knowing that everyone cannot take all the magazines and club quarterlies. QRPP is bulk mailed in plastic bags, and your issue may take as long as sixty days to reach you. Delivery time is strictly a postal matter, over which, obviously, NorCal has no control.

Each issue is a mixture of articles, ranging from the technical to the humorous. Members are encouraged to submit copy; writing or drawing skills are not necessary; so do not let modesty=20 in either area deter you, please.

Individual copies of back issues are not available; the cost and time involved prohibit it. However, once a year NorCal prints the four issues, spiral bound in card stock covers. Check the NorCal Page for current availability and pricing.

NorCal has done many kits, two 40 meter cw rigs "The NorCal 40" and the 49'er, a multiband cw rig "The Sierra, a duo band SSB=20 rig "The Cascade", an antenna tuner "The St. Louis Tuner",=20 a 30 meter CW rig "The 38 Special" and currently a very nice=20 set of CW Paddles (see the NorCal Page for ordering information).

It is not NorCal's intention to be in the kit business, nor to compete with commercial interests. Rather, we prefer to do a short run for members and move on. This is why nominally,



kits are limited to members.

NorCal sponsors a QRP contest every April called "QRP To The Field" and building contest for both 4 Days in May at Dayton and also Pacificon in October. =20

NorCal encourages everyone to join and support our national QRP organization, American Radio Club International (ARCI).  
=46or information, Write Michael Bryce, WB8VGE, 2225 Mayflower NW, Massillon, Ohio, 44647.

QRP activities at Dayton, in May of each year, are worth the time and trip. An all-day series of QRP symposiums, an evening hospitality room, both sponsored by ARCI.

In October, NorCal sponsors a series of QRP forums at PacifiCon, Concord, Ca. Information is published in QRPP.

Thank you for your interest in NorCal, an independent and unaffiliated club; one which marches to a different drummer. A great group of QRP enthusiasts; to me the cream of the crop, not easily frustrated, nor frantic to be at the top of the pile. Rather, mellow and laid back, a super group of helpful friendly hams.

And perhaps also, the last of the home brewers?

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Date: Sun, 17 May 1998 15:41:22 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-l@lehigh.edu  
Subject: [11092] Re: Third world  
Message-ID: <199805172241.PAA13230@usr09.primenet.com>

Howdy,

Roy (AB7CE) wrote:

>  
> I personally would rather see rigs donated to kids and schools in  
> good ole' USA. From the information put out , amateur radio is dying  
> a slow death in this country.

Always a noble cause, but one that's already getting plenty of attention, IMHO.

There's a huge difference between lack of interest and lack of resources. Let's face it, if a budding QRPer came to \*any\* QRP club's meeting and said they needed a starter rig, I can darn near guarantee they'd have a loaner (if not a "keeper"!) within the week, and half a dozen QRP Elmers to boot!

Also, at least here in Phoenix, they literally can't find folks to fill open job positions. They're paying US\$7-8/hr at the fast food joints just to flip burgers. Even after taxes, a kid working part time for merely \*one week\* could buy a nice QRP kit. That same amount of money is literally many \*months\* worth of income in some countries, money often completely consumed by basic food/shelter expenses.

Let's face it, we (the G-7 nations and others) have it VERY good. Helping DX hams get a good QRP sig on the air (that WE will get to work, BTW!) is one heck of a good cause, IMHO. Everybody wins.

And for those still wanting to see more donated to "local" interests, why not go ahead and start a kit/project yourself? Given any ham/QRP presentations at schools lately? Or Elmered a newbie? Just take that first step and run with it. Talk is cheap, action rewarding.

Just some food for thought....

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Nobody has so many friends that he can afford to lose one." -- Edward Abbey

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End of QRP-L Digest 1094

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